



FEMA



Prepared by:
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Monday, April 30, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Slight risk area for severe thunderstorms across **W TX** into the **TX Panhandle**.
- Critical Fire Weather conditions across **NM** into the western **TX/OK Panhandles**.

Tuesday

- Slight risk area for severe thunderstorms across **NW OK**.
- Critical Fire Weather conditions across **S&E NM** into **W TX** and the **TX/OK Panhandles**.

Wednesday

- Enhanced risk area for severe thunderstorms across much of **OK** into **NW TX**. Slight risk area extends into **E OK**, **North-Central/ West-Central/SW TX**, and **NW AR**.
- Critical Fire Weather conditions across **E NM** into **W TX** and the **TX/OK Panhandles**.

Thursday - Friday

- No significant weather impacts expected at this time.

River Flood Status

- Minor river flooding continues across parts of **AR/LA**. No significant impacts.

FEMA Region 6 Threat Matrix

April 30, 2018 – May 4, 2018



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms	W TX into the TX/OK Panhandles	NW OK	OK into NW TX NCntrl/WCntrl/SW TX, E OK, NW AR		
Heavy Rain / Flash Flooding					
Fire Weather	NM into W TX and W TX/OK Panhandles	S&E NM into W TX and the TX/OK Panhandles	E NM into W TX and the TX/OK Panhandles		
Winter Weather					
River Flooding	LA/AR				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

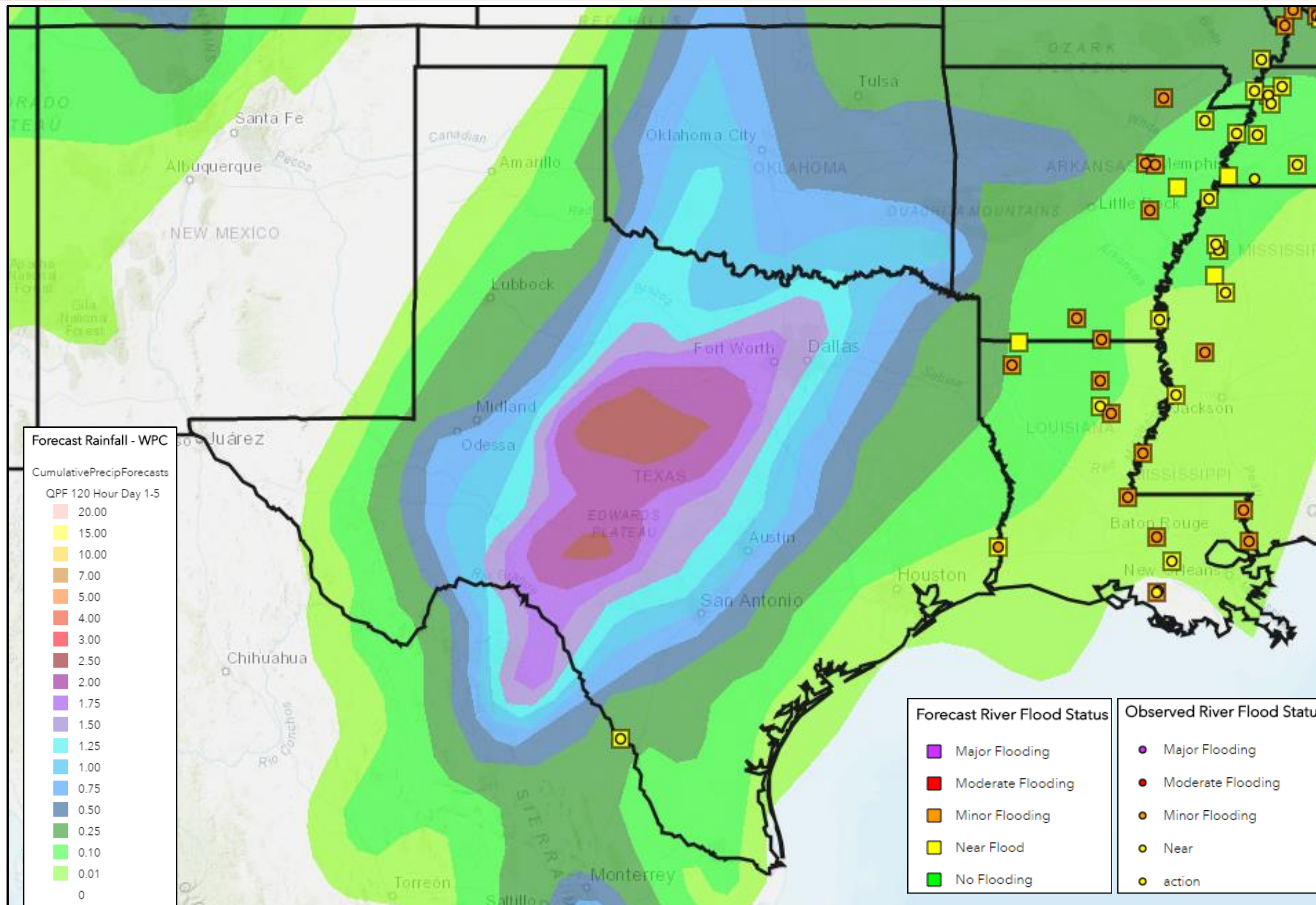
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



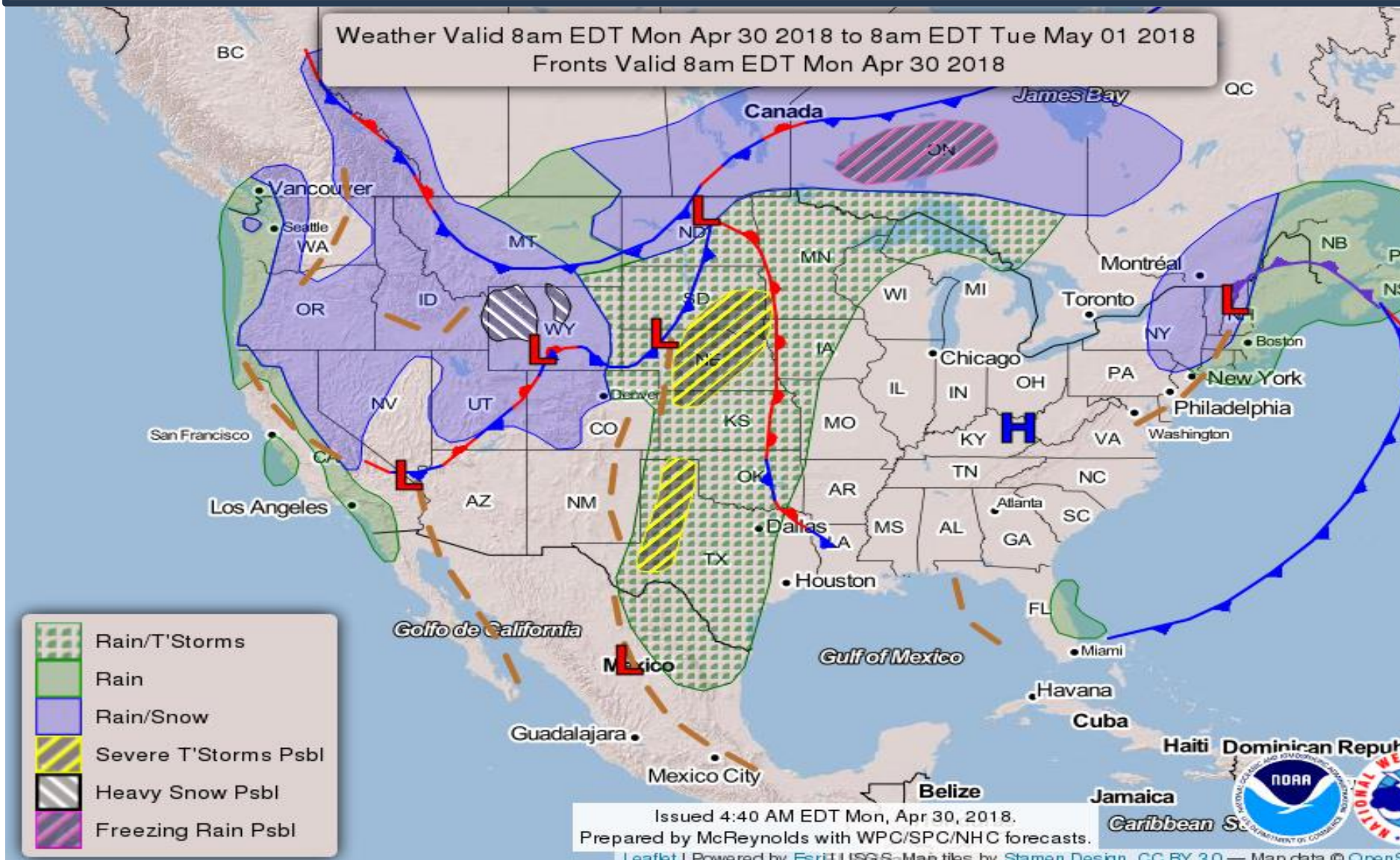
**Minor river flooding continues
across portions of LA/AR.
No significant impacts.**

Today's Weather

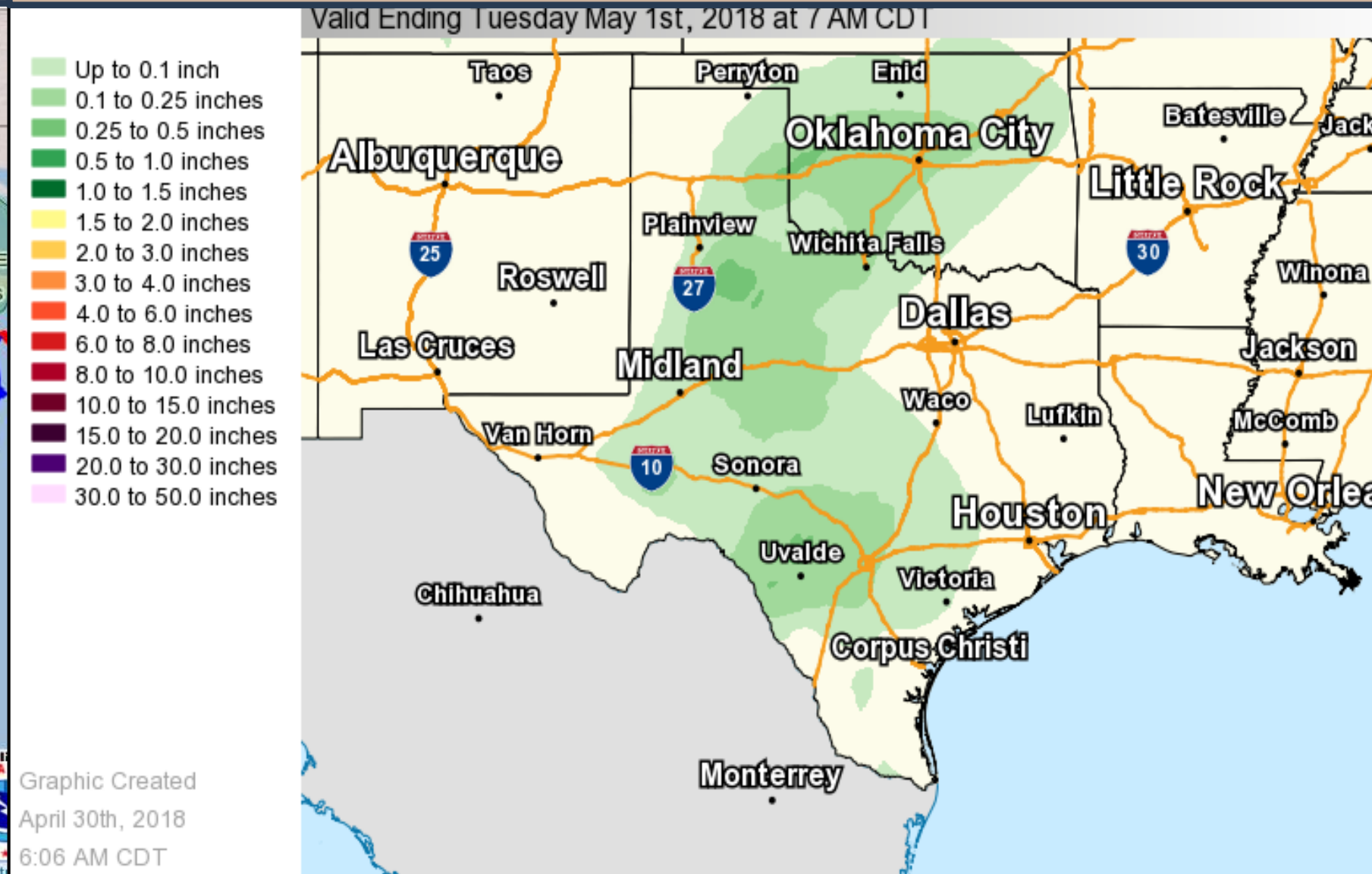


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Forecast Chart



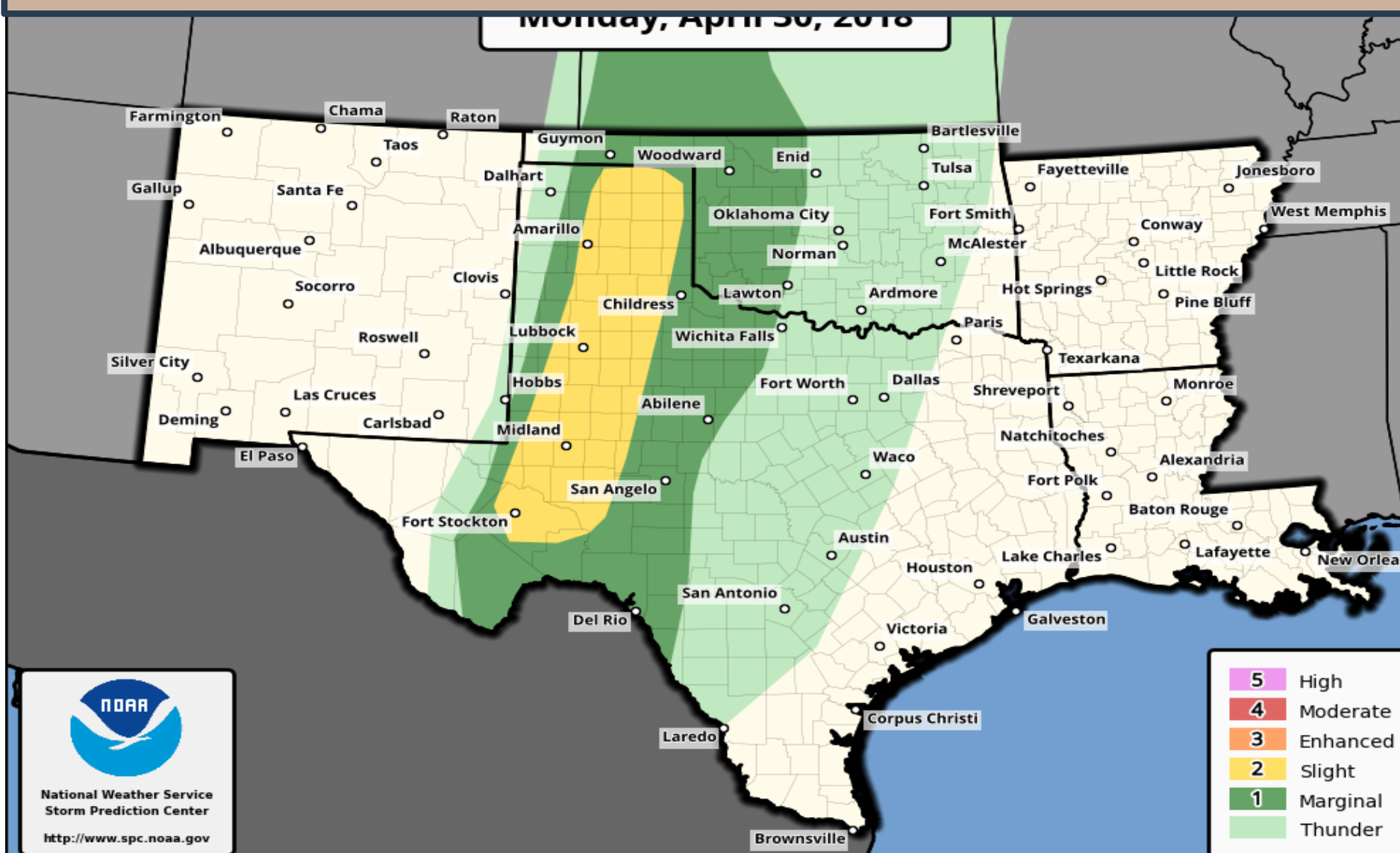
Forecast Rainfall



Slight risk area for severe thunderstorms across W TX into the TX Panhandle.

Damaging winds & hail are the primary threats. Isolated tornadoes possible.

Severe Weather Outlook



Excessive Rainfall Outlook

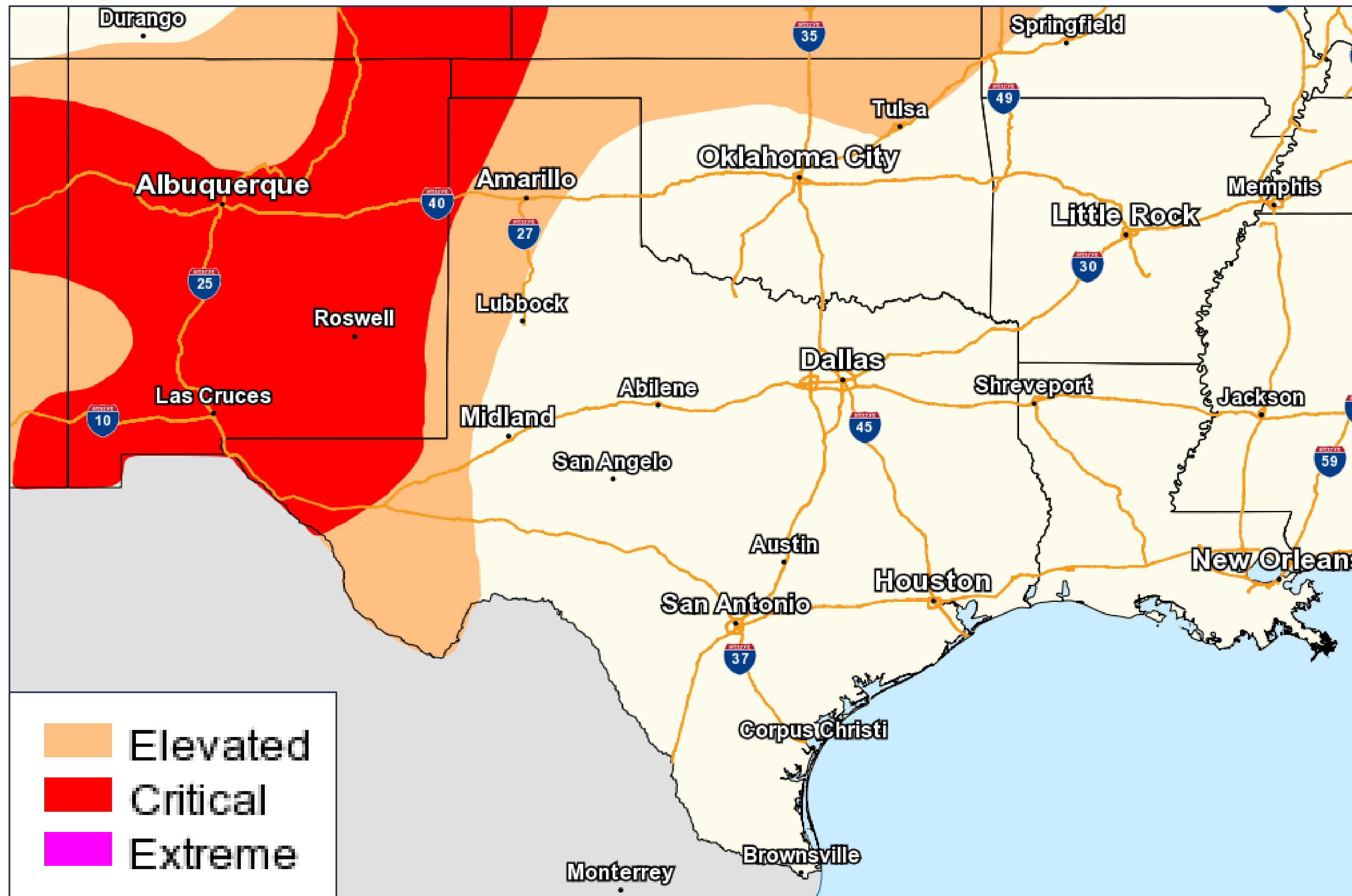


Today's Fire Weather Outlook



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**Critical fire weather
conditions across NM/W TX
into the Western TX/OK
Panhandles.**



Tomorrow's Weather



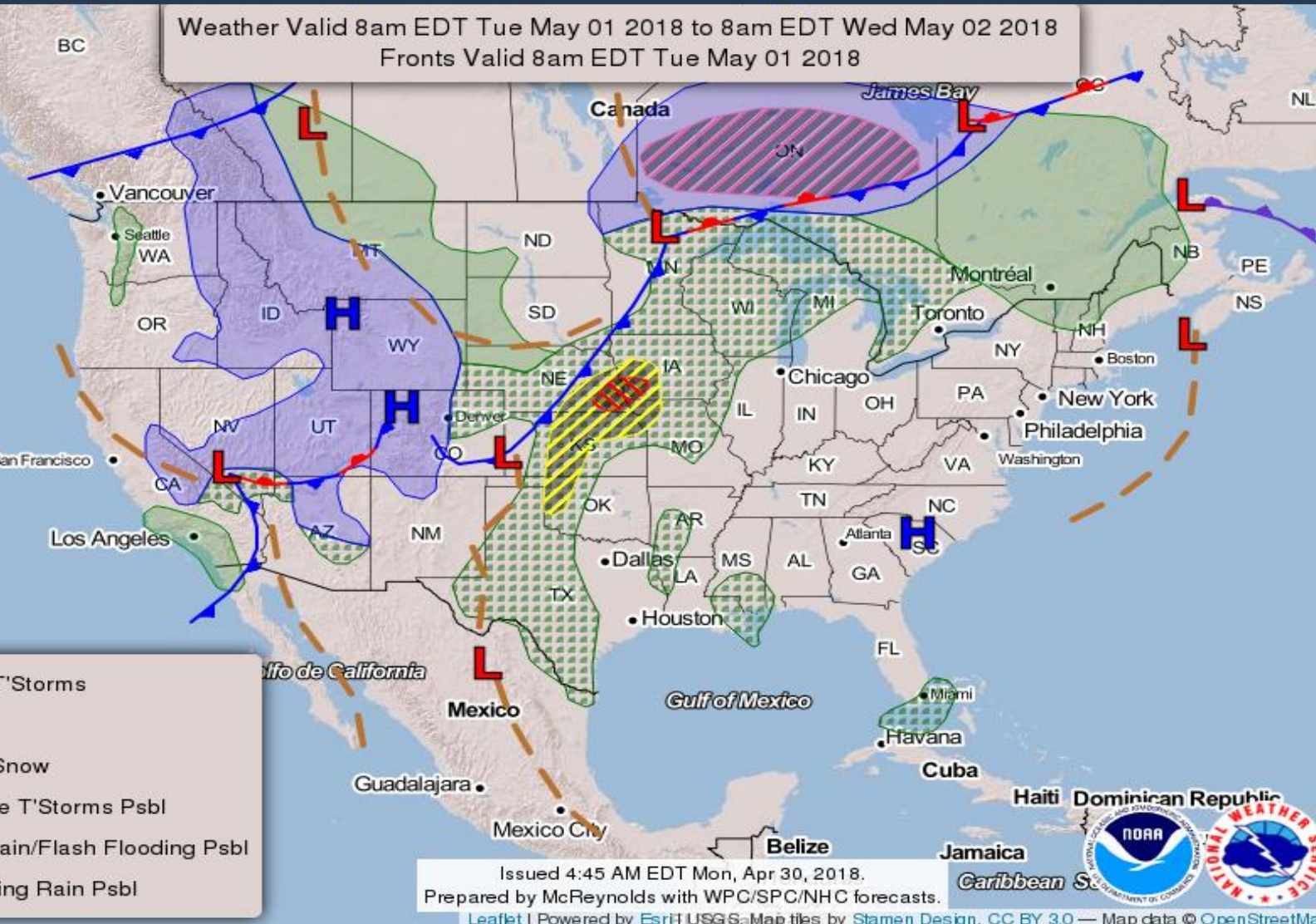
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Forecast Chart

Forecast Rainfall

Slight risk area for severe thunderstorms across NW OK.

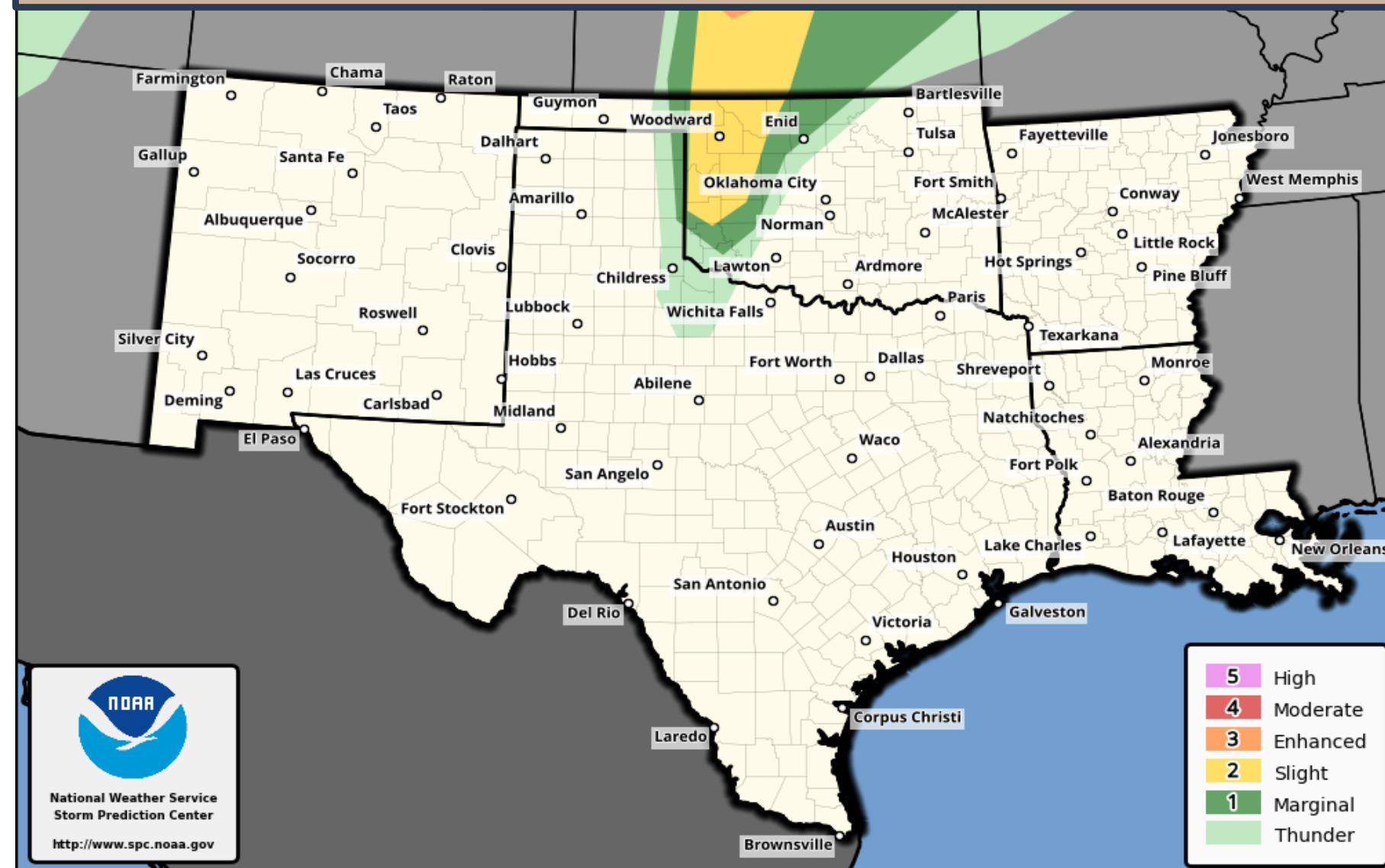
Damaging winds & hail are the primary threats. Isolated tornadoes possible.



Graphic Created
April 30th, 2018
6:07 AM CDT

Severe Weather Outlook

Excessive Rainfall Outlook

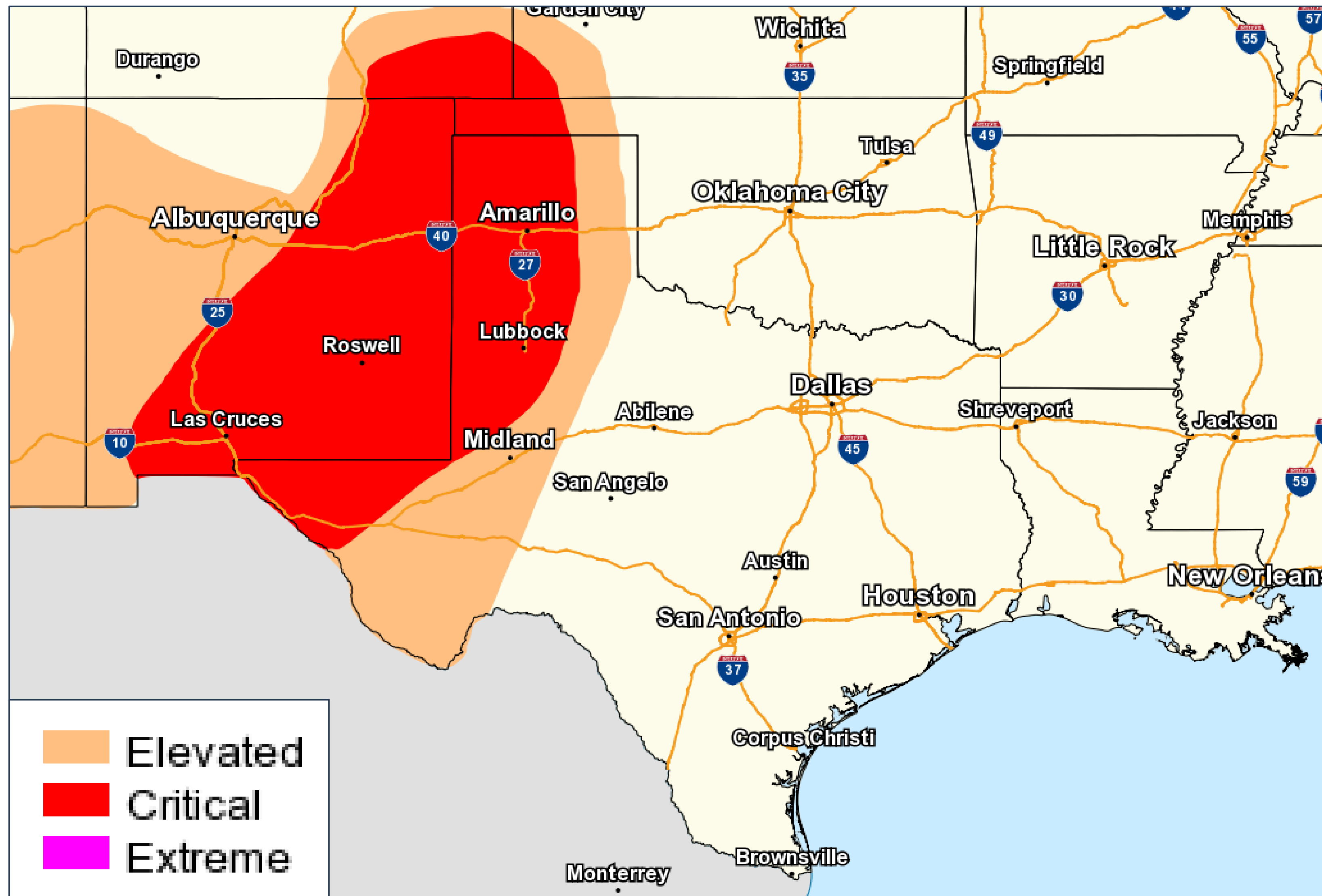


Tomorrow's Fire Weather Outlook



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**Critical Fire Weather
conditions across S&E NM
into W TX and the TX/OK
Panhandles.**

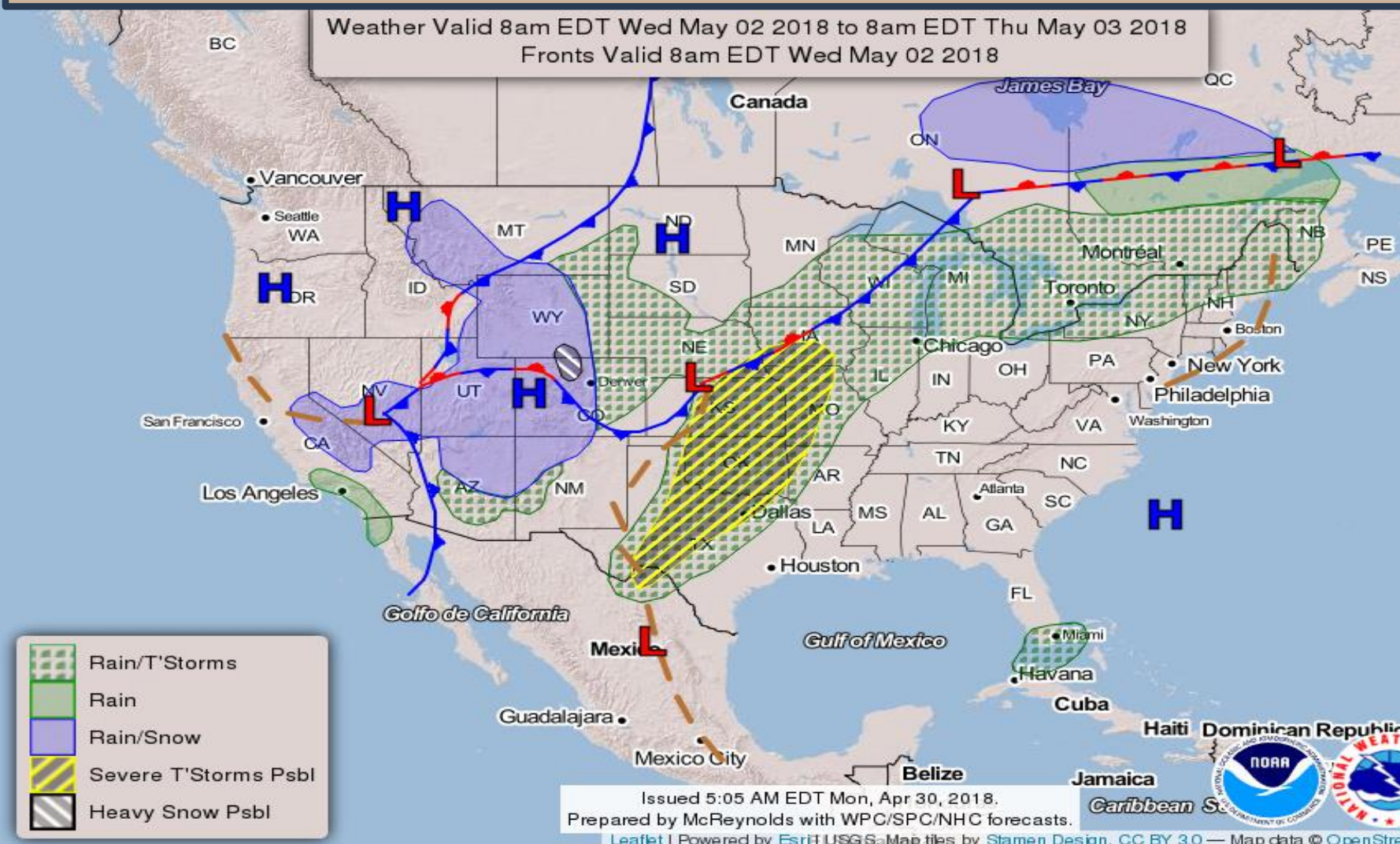


Wednesday's Weather

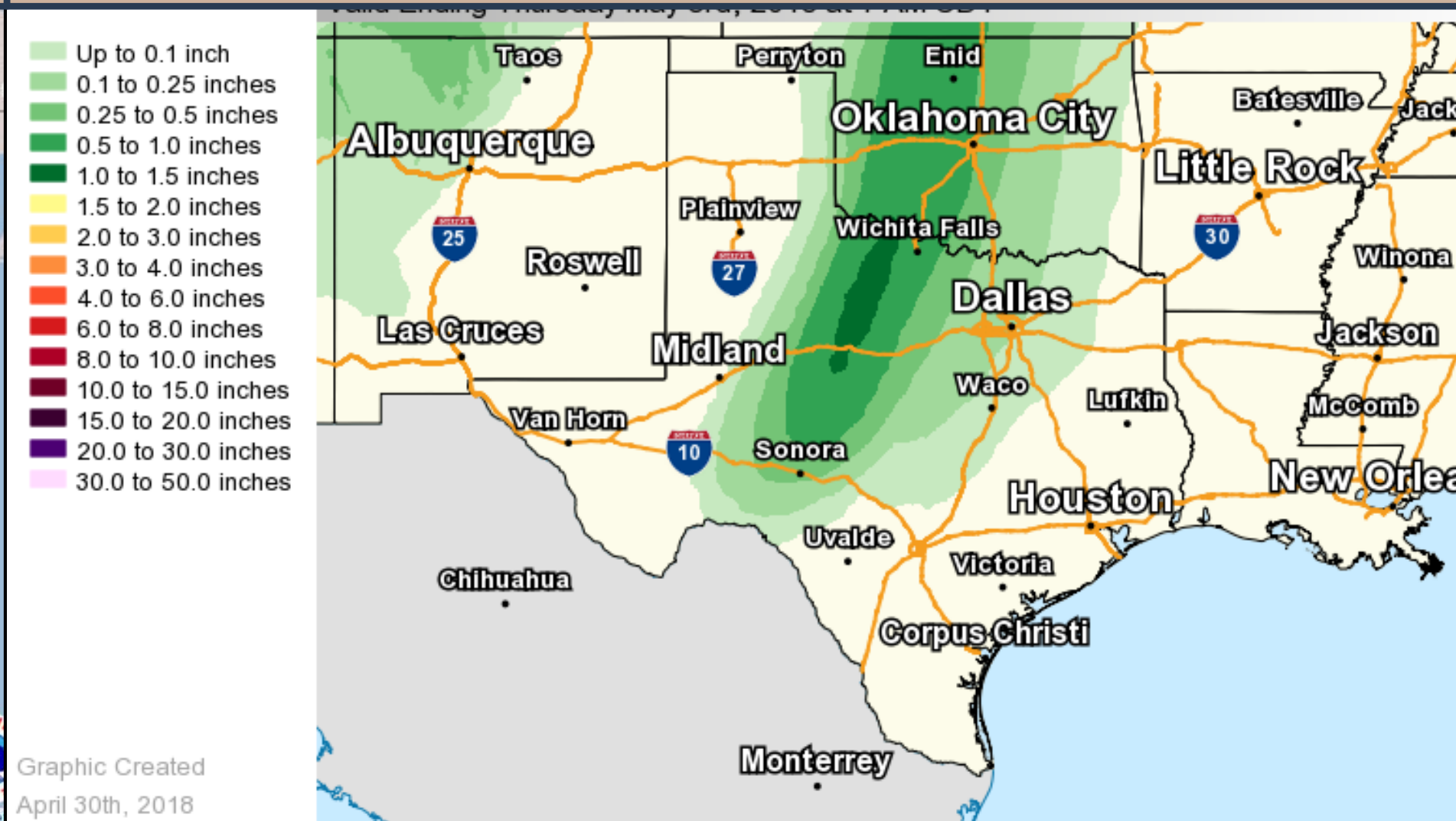


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Forecast Chart



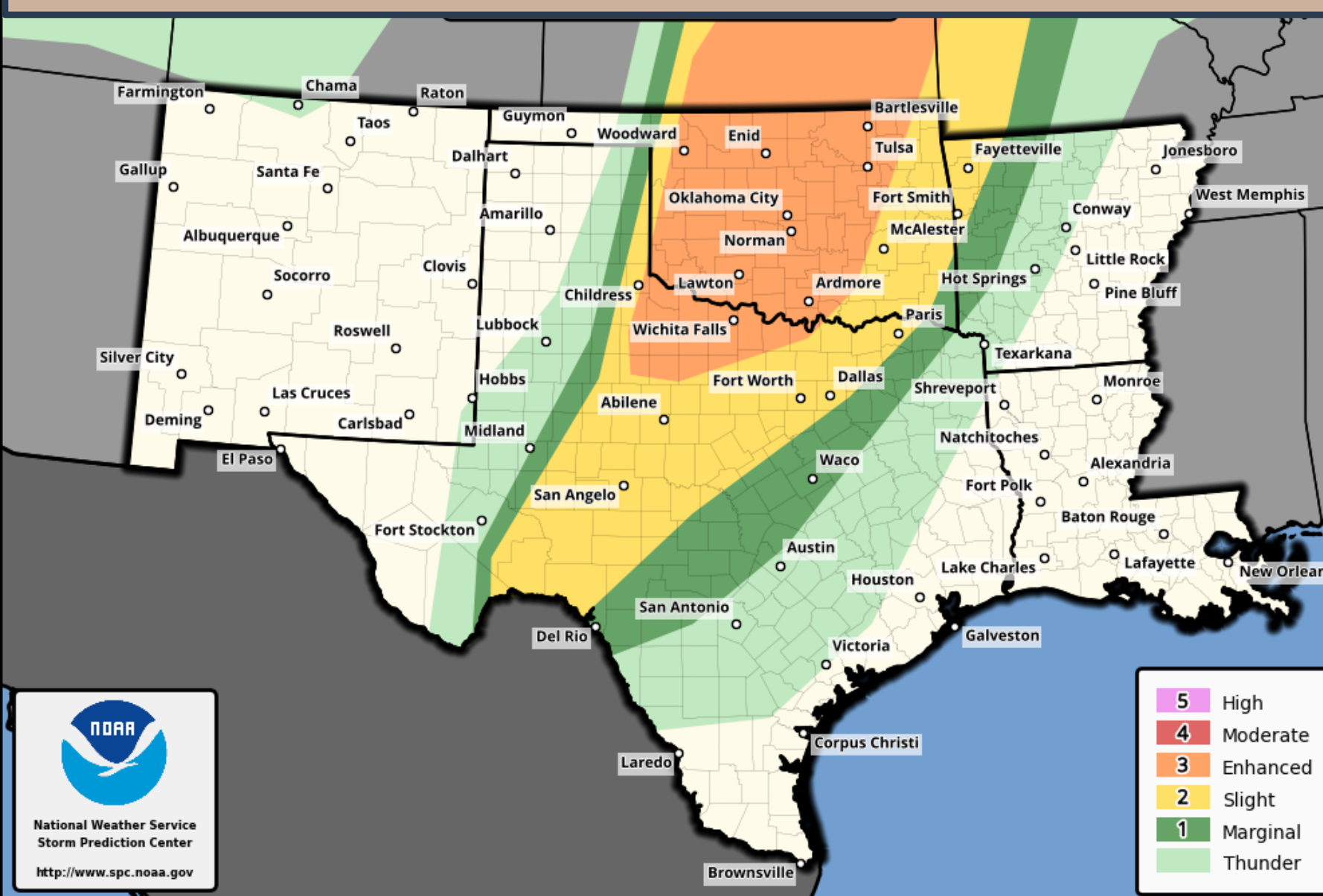
Forecast Rainfall



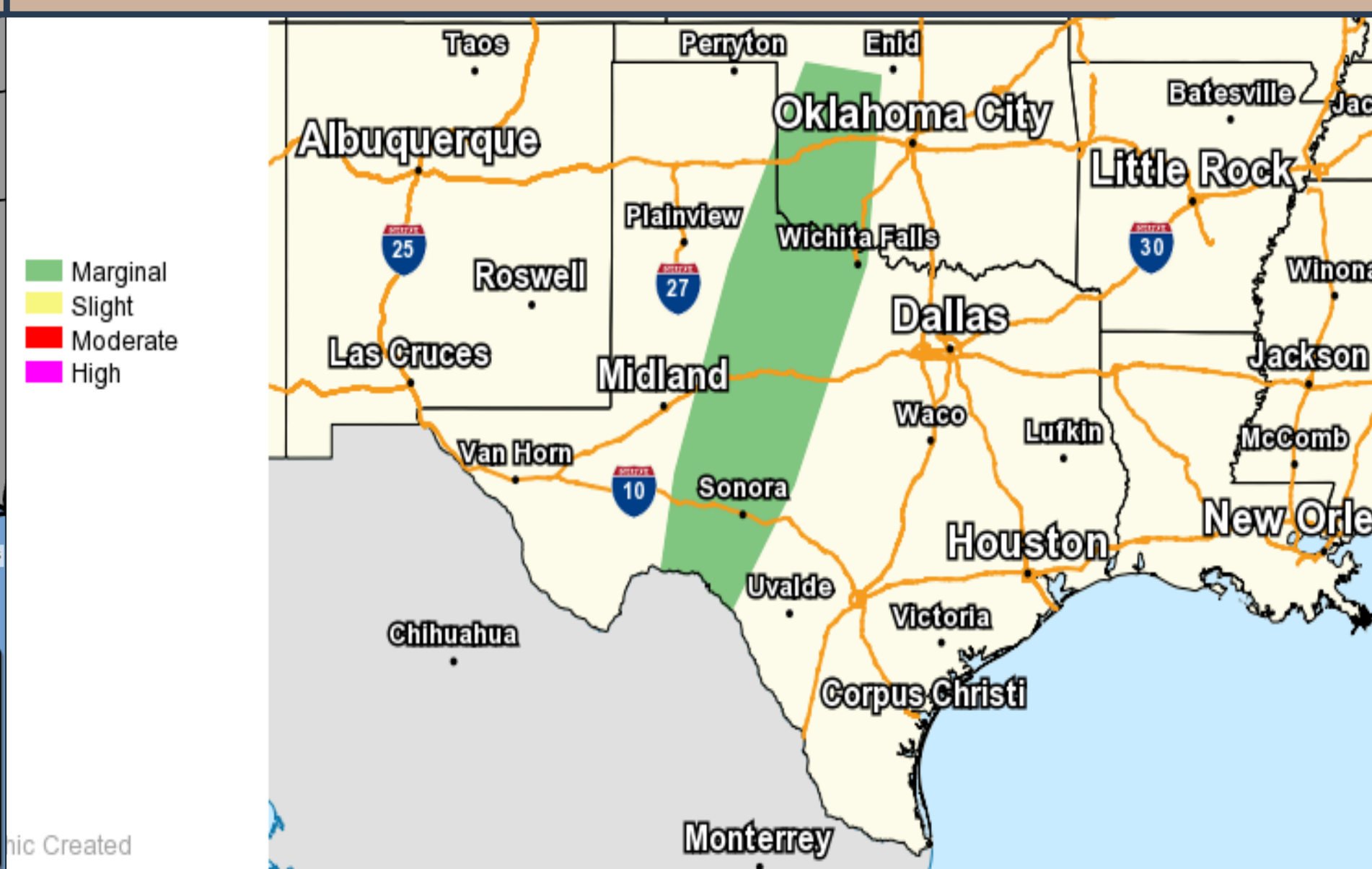
Enhanced risk area for severe storms for much of OK into NW TX with a Slight risk area extending into E OK, North-Central/West-Central/SW TX, and NW AR.

A few tornadoes, damaging winds, and large hail are all possible.

Severe Weather Outlook



Excessive Rainfall Outlook



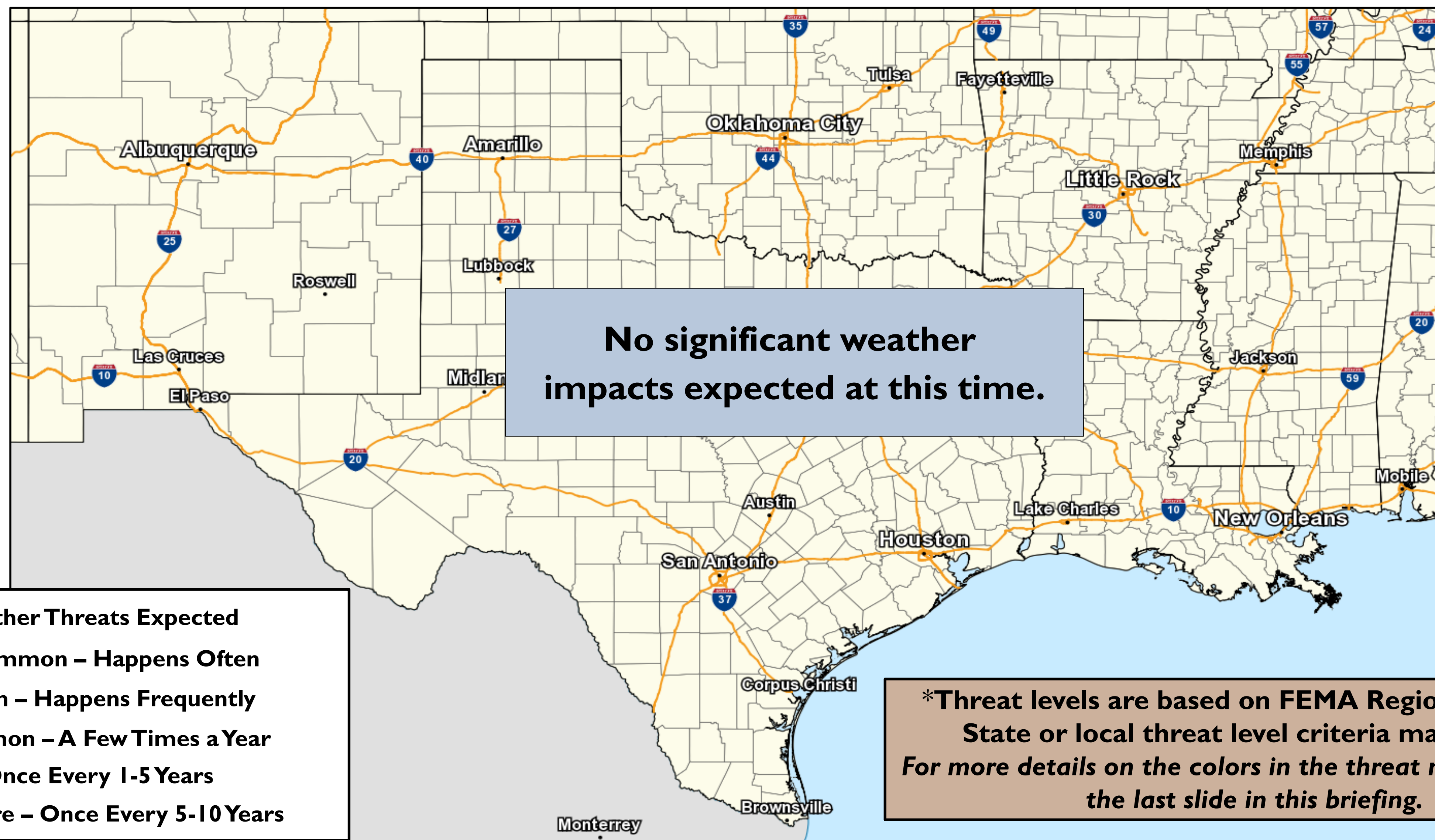
Critical Fire Weather conditions across E NM into W TX and the TX/OK Panhandles.

Days 4-5 Weather Hazards

Thursday - Friday



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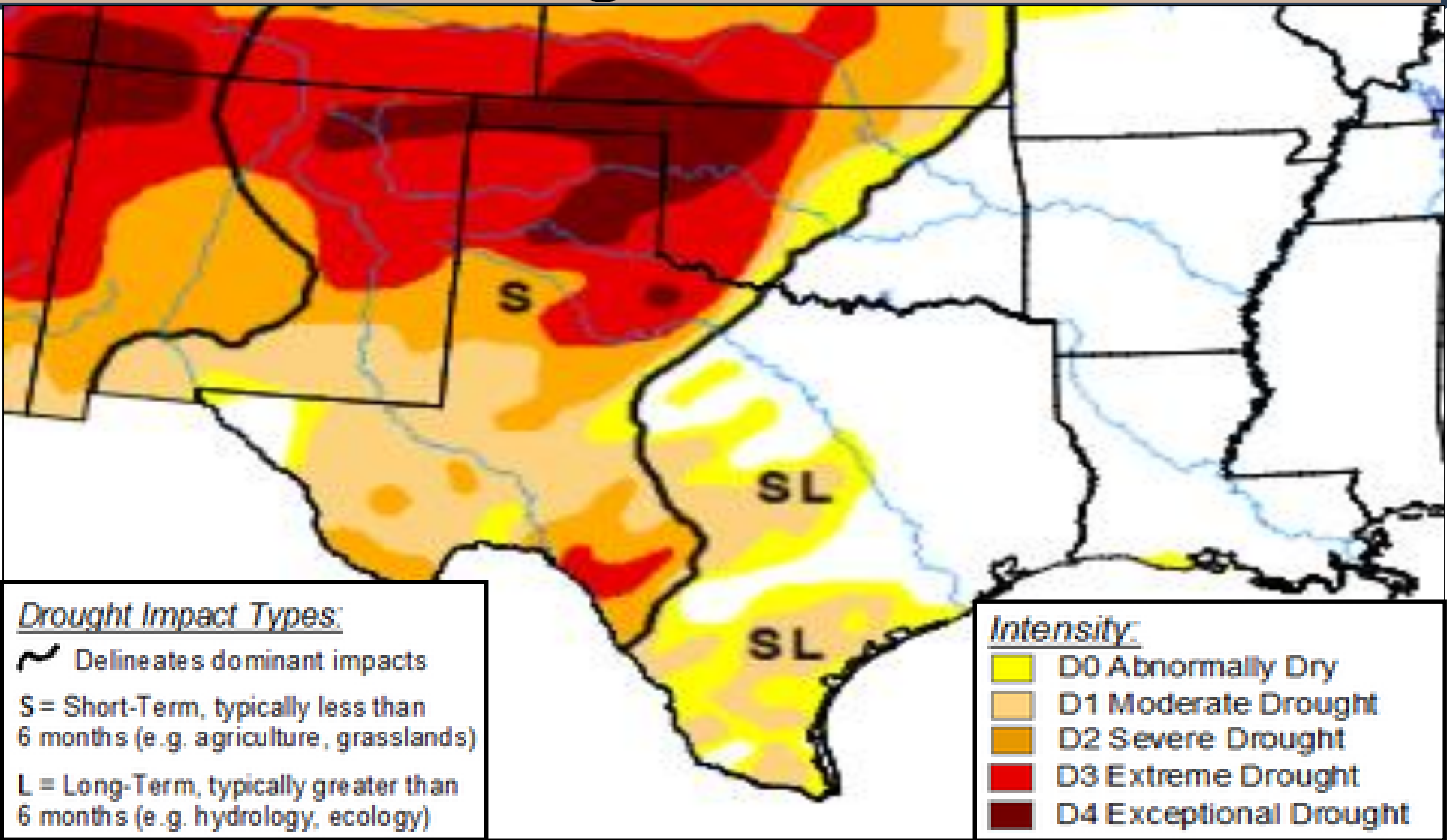
Drought Monitor (Released Apr 26th, 2018)



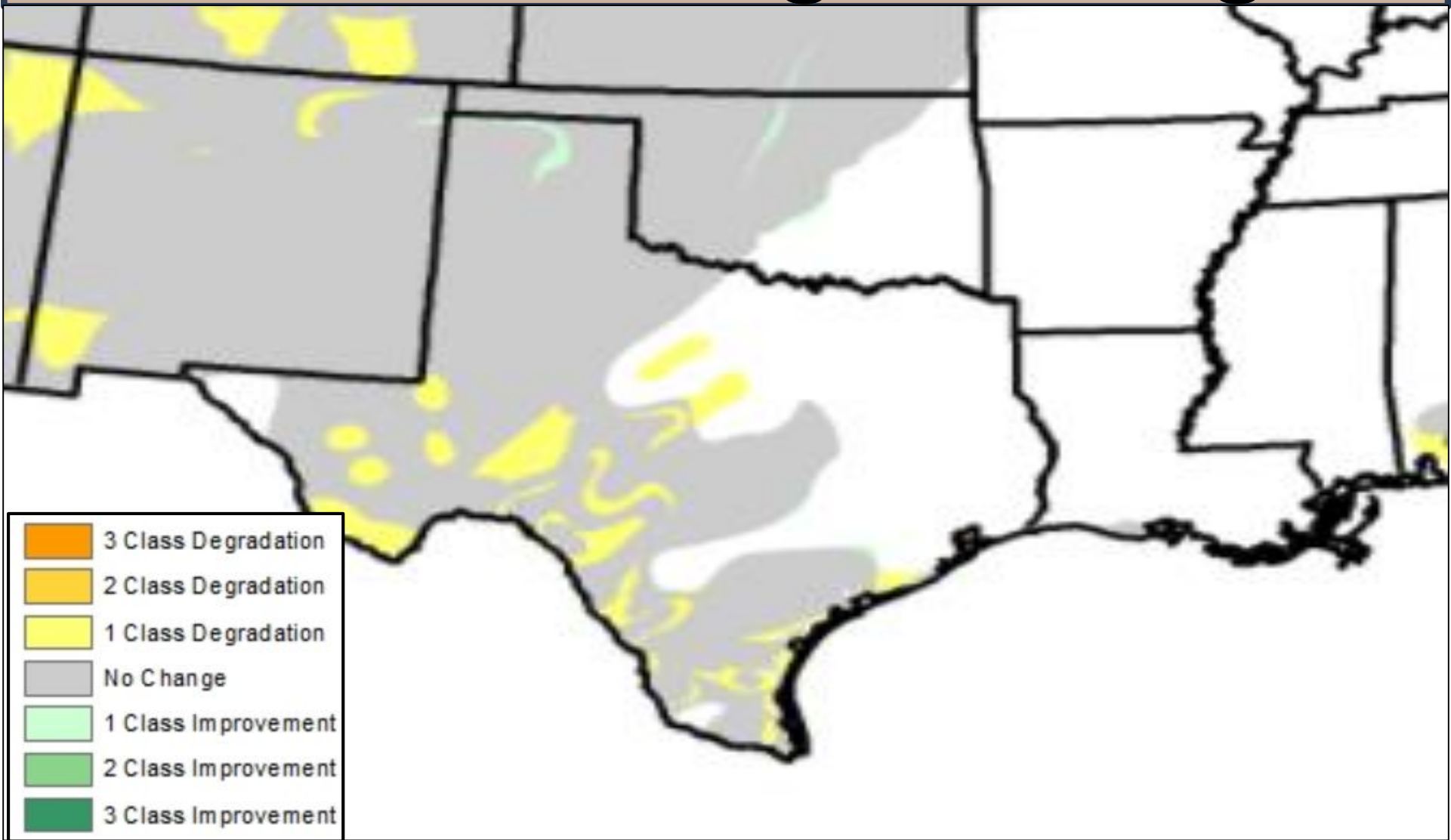
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Data valid as of 7am CDT, Tuesday, April 24th, 2018

Drought Monitor



One Week Change in Drought



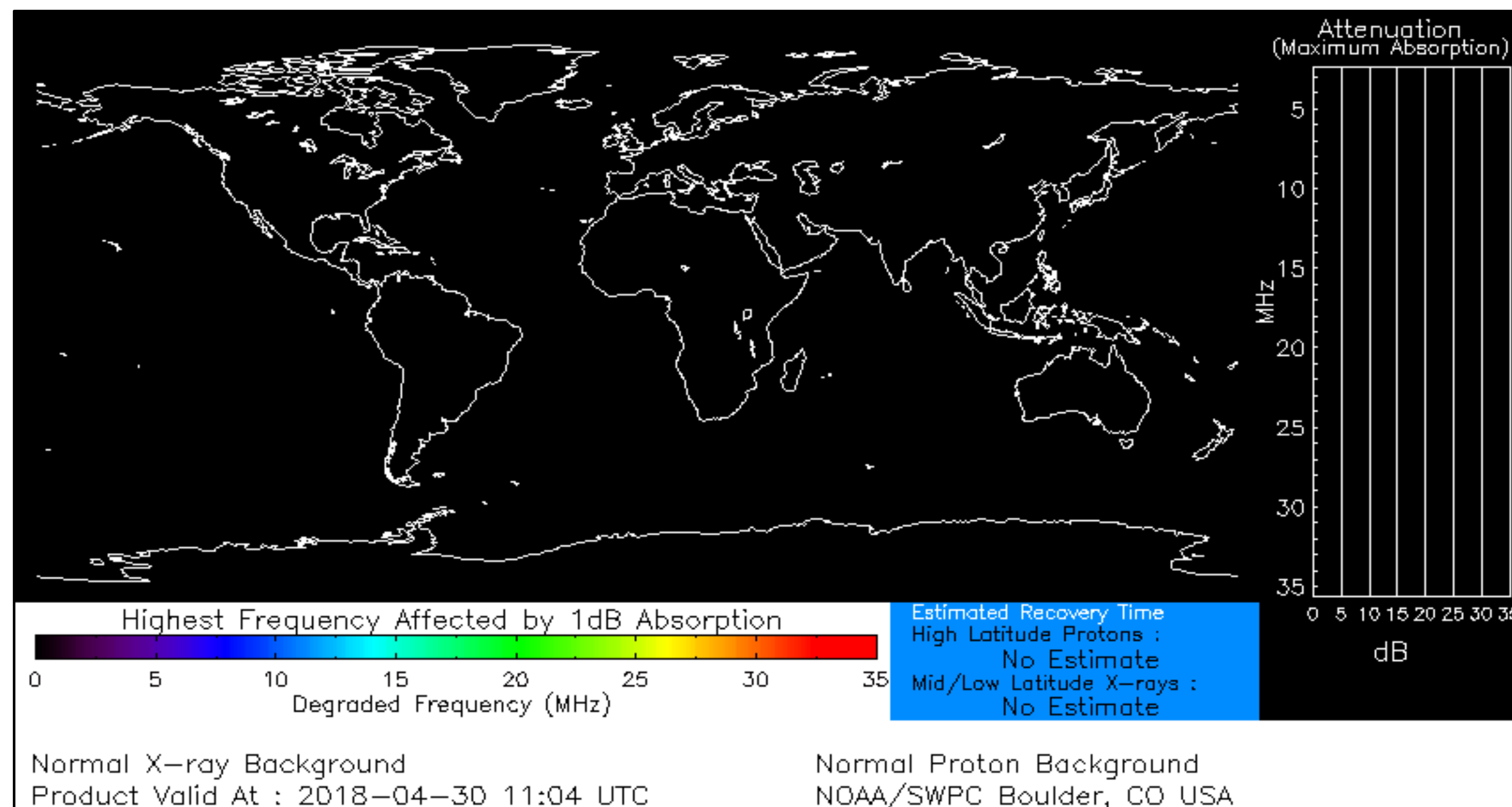
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	2.37%	2.37%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	34.84%	35.54%	14.56%	0.00%
Texas	14.54%	13.70%	4.25%	0.00%
New Mexico	46.01%	45.97%	0.00%	0.00%

Space Weather 3-Day Forecast



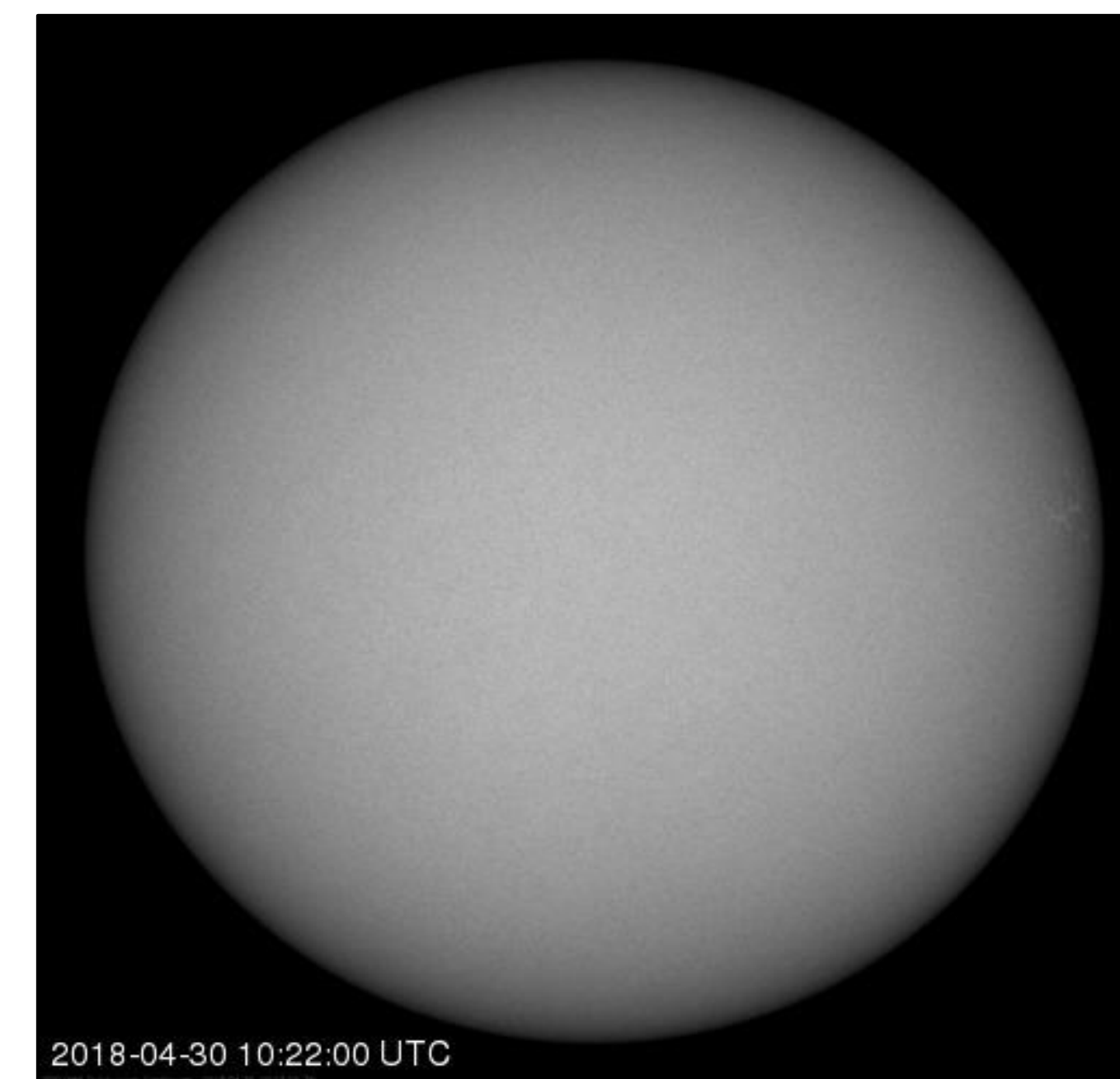
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov